



## Preparing the U.S. health community for climate change

---

**Author(s):** Jackson R, Shields KN  
**Year:** 2008  
**Journal:** Annual Review of Public Health. 29: 57-73

---

### Abstract:

In society's effort to address and prepare for climate change, the health community itself must ensure that it is prepared. Health personnel will require flexible and iterative action plans to address climate change at the individual, hospital, local health department, state, and national levels. This requires that health workers analyze the impact of climate change with a view to human health, and then formulate robust policy and demonstrate authentic leadership. In this review, we summarize the status of the health community's preparation for climate change and provide specific recommendations for action at each level. Although preparation status and recommendations vary, our observation is that it is not enough for public health and medical care agencies and departments to develop policies and advocate change. They have a direct responsibility to demonstrate substantive leadership.

**Source:** <http://dx.doi.org/10.1146/annurev.publhealth.29.020907.090755>

### Resource Description

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience:

audience to whom the resource is directed

Health Professional, Public

#### Early Warning System:

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

#### Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Extreme Weather Event, Food/Water Security, Food/Water Security, Human Conflict/Displacement, Human Conflict/Displacement, Indoor Environment, Temperature

# Climate Change and Human Health Literature Portal

**Air Pollution:** Ozone

**Food/Water Security:** Food Access/Distribution

**Temperature:** Extreme Heat

**Geographic Feature:** ☒

resource focuses on specific type of geography

None or Unspecified

**Geographic Location:** ☒

resource focuses on specific location

United States

**Health Co-Benefit/Co-Harm (Adaption/Mitigation):** ☒

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

**Health Impact:** ☒

specification of health effect or disease related to climate change exposure

Infectious Disease, Injury, Mental Health/Stress, Respiratory Effect, Other Health Impact

**Infectious Disease:** Foodborne/Waterborne Disease, General Infectious Disease, Vectorborne Disease, Zoonotic Disease

**Foodborne/Waterborne Disease:** General Foodborne/Waterborne Disease

**Vectorborne Disease:** General Vectorborne

**Zoonotic Disease:** General Zoonotic Disease

**Mental Health Effect/Stress:** Other Mental Disorder

**Respiratory Effect:** Asthma

**Other Health Impact:** Heat stress

**Medical Community Engagement:** ☒

resource focus on how the medical community discusses or acts to address health impacts of climate change

A focus of content

**Mitigation/Adaptation:** ☒

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

**Population of Concern:** A focus of content

# Climate Change and Human Health Literature Portal

## Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Children, Elderly

## Resource Type:

format or standard characteristic of resource

Policy/Opinion, Review

## Timescale:

time period studied

Time Scale Unspecified